Faham Goraya

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EDUCATION

University of Toronto   Toronto, ON
Bachelor of Science in Computer Science, Applied Statistics

Relevant Courses: Data Structures and Analysis, Software Design, Introduction to Computer Science

EXPERIENCE

Developer Student Club   Sep. 2023
University of Toronto
- Collaborated with team members on projects and workshops focused on real-world application development.
- Contributed to open-source initiatives, learning about team-based version control and project planning.

Full Stack Engineer Intern   May 2024 – Present
Flymingos, New York, NY
- Worked on Munafah, a B2B AI matchmaking platform connecting exporters with buyers.
- Built React-based UI components and Node.js APIs for personalized recommendation features.
- Integrated Firebase for user management and OpenAI for AI-driven messaging tools.
- Contributed to team-based planning and coordination using Jira, Git, and Discord for collaboration.

PROJECTS

GI Movies *(Node.js, Express, MongoDB, TMDB API)*
- Built a movie discovery website using TMDB API to display trending and searchable movie data.
- Created a full-stack application with Express and Node.js for backend API routing and MongoDB for data persistence.
- Designed a clean and responsive frontend interface and integrated user authentication.

M&G CRM *(React, Git)*
- Developed dynamic and reusable React components to streamline development and enhance maintainability.
- Designed intuitive and mobile-friendly interfaces using to ensure a seamless user experience.
- Improved page load times by leveraging code splitting, reducing initial bundle size by 40%.
- Collaborated closely with designers to implement pixel-perfect UI elements while ensuring accessibility compliance.

Linux Shell *(C, Linux, System Programming)*
- Developed a custom shell with built-in support for commands like `echo`, `ls`, `cd`, `cat`, and more.
- Implemented process management features including background execution (`&`), signal handling, and job control.
- Integrated file system navigation and command-line parsing for seamless user interaction.
- Ensured robust memory management and security measures to prevent crashes and undefined behaviors.

Service App *(Python, Flutter, Git)*
- Developed a login page with multiple authentication options, including Google Sign-In.
- Implemented Google OAuth and Firebase for secure login flow.
- Proposed and improved UI/UX designs that resulted in 25% higher engagement in user testing sessions.

Papers Application *(Python, CSV, Tree Structures)*
- Created a tree visualization of academic paper hierarchies for CS education research.
- Used recursion to categorize papers by metadata and topics, improving readability and analysis.
- Optimized data parsing and traversal algorithms for faster paper indexing and search.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Assembly, JavaScript, HTML/CSS

Libraries: pandas, NumPy, Matplotlib, Pygame

Frameworks: React, Node, Express, RestFulAPI

Developer Tools: Git, Android Studio, VS Code, PyCharm, IntelliJ